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Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: August 13, 2002 <small>(use as many sheets as necessary)</small>		Application Number 10/044,964 Filing Date 01/15/2002 First Named Inventor Sumio OGAWA et al. Group Art Unit 2121 2125 Examiner Name Unassigned RAO Attorney Docket Number 088941-0203	
1	of 1		

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
SR	A1	6,143,584		FUKADA et al.	11/07/2000	
	A2	5,294,812		HASHIMOTO et al.	03/15/1994	
	A3	5,844,850		TSUTSUI et al.	12/01/1998	
	A4	5,963,881		KAHN et al.	10/05/1999	
	A5	5,497,381		O'DONOGHUE et al.	03/05/1996	
	A6	5,301,143		OHRI et al.	04/05/1994	

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FOREIGN PATENT DOCUMENTS

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Passages or Relevant
Figures Appear
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A7	SEIICHIRO, "Semiconductor Device and its Manufacture," Patent Abstracts of Japan, Vol. 1999, No. 5, May 31, 1999, JP 11 045839, February 16, 1999, Denso Corp., Abstract.	
	A8	KIBARIAN et al., "Using Spatial Information to Analyze Correlations Between Test Structure Data," IEEE Transactions on Semiconductor Manufacturing, Vol. 4, No. 3, August 1991, pages 219-225, XP002201314.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Examiner Signature		Date Considered	2/4/05
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Substitute for form 1449B/PTO		Complete if Known	
DECEMBER 11, 2003 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: December 17, 2003 <small>(use as many sheets as necessary)</small>		Application Number 10/044,964 Filing Date 01/15/2002 First Named Inventor Sumio OGAWA et al. Group Art Unit 2121 2125 Examiner Name Unassigned RAO Attorney Docket Number 088941-0203	
Sheet	1	of	1

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴			
<i>[Signature]</i>	A1		10-233350	Toshiba KK	09/02/1998	
	A2		11-45839	Nippondenso Co. Ltd.	02/16/1999	
	A3		11-161917	Hitachi Ltd.	06/18/1999	

NON-PATENT LITERATURE DOCUMENTS

Examiner Signature		Date Considered	2/4 /05
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Standard ST.13.) For Japanese patent documents, the indication of the year of the reign or the Emperor must precede the serial number of the patent document. ***Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible.** *Applicant is to place a check mark here if English language Translation is attached.

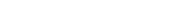
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Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/044,964
Date Submitted: April 4, 2002		Filing Date	01/15/2002
(use as many sheets as necessary)		First Name Inventor	Sumio OGAWA
Sheet	1	Group Art Unit	2121-2125
		Examiner Name	Unassigned RAO
		Attorney Docket Number	088941-0203

U.S. PATENT DOCUMENTS					
EXAMINER INITIALS		CITE TRADEMARK OR PATENT	U.S. Patent Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
Examiner Initials		Cite Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
<i>SAC</i>		A1	10/044,963	Ogawa et al.	01/15/2002
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.
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¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 088941-0203		SERIAL NO. 10/044,964 Unassigned	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT		Sumio OGAWA et al.		GROUP ART UNIT 265	
		FILING DATE		January 15, 2002		PRO JCS JAN 2002	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>SL</i>	A1	6,143,584	11/07/2000	Fukuda et al.	438	50	
	A2	6,194,235	02/27/2001	Ma	438	14	
	A3	6,192,291	02/20/2001	Kwon	700	121	
	A4	6,131,052	10/10/2000	Ban et al.	700	121	
	A5	6,112,130	08/29/2000	Fukuda et al.	700	121	
	A6	5,923,553	07/13/1999	Yi	700	110	
	A7	5,886,909	03/23/1999	Milor et al.	716	4	
	A8	5,642,296	06/24/1997	Saxena	702	84	
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
<i>SL</i>	A9	11-045839	02/16/1999	Japan			
	A10	11-045919	02/16/1999	Japan			
	A11	10-339943	12/22/1998	Japan			
	A12	7-085697	03/31/1995	Japan			
	A13	4-288811	10/13/1992	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER <i>SL</i>		DATE CONSIDERED <i>2/4/05</i>					